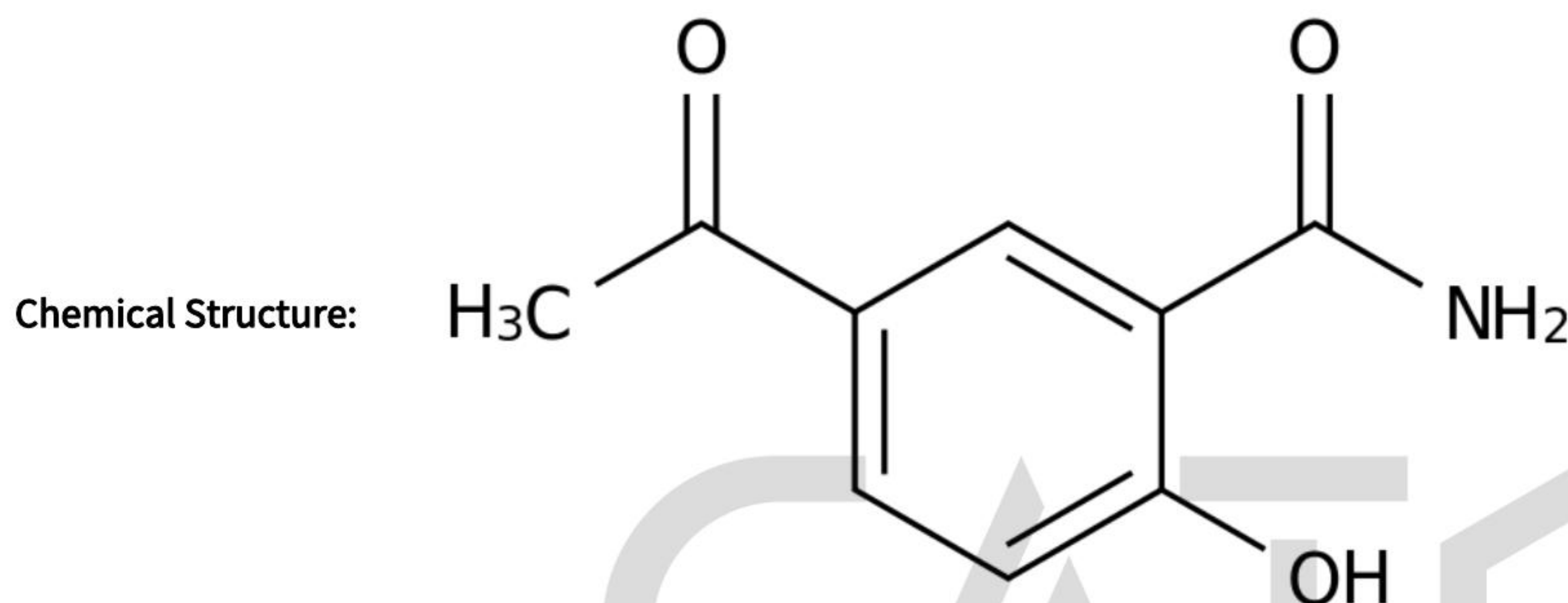


# Certificate of Analysis

## Reference Material

|                    |                                               |                   |                                           |
|--------------------|-----------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Labetalol Impurity 22                         | Catalogue Number: | C4X-246622                                |
| Chemical Name:     | N/A                                           | Lot Number:       | 1222-RD-0036                              |
| CAS Number:        | 40187-51-7                                    | Expiry Date:      | Dec 25, 2025                              |
| Molecular Formula: | C <sub>9</sub> H <sub>9</sub> NO <sub>3</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 179.17                                        |                   |                                           |



| Test Items     | Method            | Results                   |
|----------------|-------------------|---------------------------|
| Appearance     | Visual inspection | White to Off-White Powder |
| Identification | LCMS&HNMR         | Confirmed                 |
| Purity         | HPLC              | 98.909%                   |
| Loss On Drying | TGA               | 0.2053%                   |
| Assay          |                   | 98.7%                     |

## Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) \* Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

*Yuki*

Reviewed by:

*Nacy*

Aporoved by General manager:

*David*

Date: Dec 26, 2022

Date: Dec 30, 2022

Date: Dec 30, 2022

